

## INTERNATIONAL SEARCH REPORT

PCT/GB2005/001172

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01S5/14 H01S5/0687

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 711 203 B1 (GARNACHE ARNAUD ET AL) 23 March 2004 (2004-03-23) column 26, line 22 - line 32; figure 11 column 28; figure 15	1-19
A	US 2004/022283 A1 (KUZNETSOV MARK E ET AL) 5 February 2004 (2004-02-05) abstract; figure 6	1-19
A	HANSCH T W ET AL: "Laser frequency stabilization by polarization spectroscopy of a reflecting reference cavity" OPTICS COMMUNICATIONS NETHERLANDS, vol. 35, no. 3, December 1980 (1980-12), pages 441-444, XP002338405 ISSN: 0030-4018 abstract; figure 2	1-19

-/-

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document relating to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, each combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

28 July 2005

Date of mailing of the international search report

22/08/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040. Telex 31 651 epo nl.  
Fax: (+31-70) 340-3076

Authorized officer

Flierl, P

## INTERNATIONAL SEARCH REPORT

PCT/GB2005/001172

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	OLSSON N.A. ET AL: "Performance Characteristics of 1.5 $\mu$ m External Cavity Semiconductor Lasers for Coherent Optical Communication" JOURN. OF LIGHTWAVE TECH., vol. LT-5, no. 4, 1 April 1987 (1987-04-01), pages 510-515, XP002338406 abstract; figure 1	1-19

## INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/GB2005/001172

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6711203	B1	23-03-2004	
		US 6611546 B1	26-08-2003
		US 2002071463 A1	13-06-2002
		US 6741629 B1	25-05-2004
		US 2004165641 A1	26-08-2004
		AU 9297301 A	02-04-2002
		EP 1364432 A2	26-11-2003
		WO 0225782 A2	28-03-2002
US 2004022283	A1	05-02-2004	
		US 2003021308 A1	30-01-2003
		US 6366592 B1	02-04-2002
		WO 02059550 A2	01-08-2002